

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 113019.179US2		SERIAL NO. 09/829,073	
				APPLICANT Ke-Wen DONG et al.			
				FILING DATE April 9, 2001		GROUP 1641	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
L/C	2002/0172982 A1	11/21/02	Dong et al.			02/19/99	
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EXAMINER <i>Qua. & Cook</i>			DATE CONSIDERED 9/27/05				

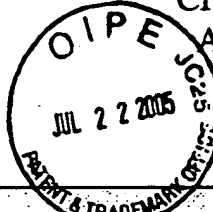
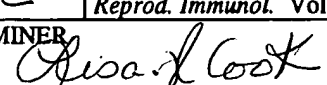
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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
LVC	90/15624	12/27/90	WO			X	
	93/14786	8/5/93	WO			X	
	94/10304	5/11/94	WO			X	
	94/22472	10/13/94	WO			X	
	95/27206	10/12/95	WO			X	
	96/05305	2/22/96	WO			X	
	96/06113	2/29/96	WO			X	
	98/37185	8/27/98	WO			X	
	99/34825	7/15/99	WO			X	
	99/42581	8/26/99	WO			X	
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LVC	O'Farrell, Patrick H. May 25, 1975. "High Resolution Two-Dimensional Electrophoresis of Proteins." <i>The Journal of Biological Chemistry</i> . Vol. 250, No. 10, pp. 4007-4021.						
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L/C	Russell, Lonnie et al. July 1979. "Morphologic Characteristics of the Chemically Induced Acrosome Reaction in Human Spermatozoa." <i>Fertility and Sterility</i> . Vol. 32, No. 1, pp. 87-92.		
L/C	Saling, Patricia M. et al. 1979. "An Ultrastructural Study of Epididymal Mouse Spermatozoa Binding to Zona Pellucidae in Vitro: Sequential Relationship to the Acrosome Reaction." <i>J. Exp. Zool.</i> Vol. 209, pp. 229-238.		
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L/C	Mack, S. et al. 1983. "Acrosomal Enzymes of Human Spermatozoa Before and After In Vitro Capacitation." <i>Biology of Reproduction</i> . Vol. 28, pp. 1032-1042.		
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L/C	Shabanowitz, RB and O'Rand, MG. 1988. "Molecular changes in the human zona pellucida associated with fertilization and human sperm-zona interactions." <i>Ann. N.Y. Acad. Sci.</i> Vol. 541, pp. 621-32.		
L/C	Cross, Nicholas L. et al. 1988. "Induction of Acrosome Reactions by the Human Zona Pellucida." <i>Biology of Reproduction.</i> Vol. 38, pp. 235-244.		
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L/C	Macek, Mary Beth and Barry D. Shur. 1988. "Protein-Carbohydrate Complementarity in Mammalian Gamete Recognition." <i>Gamete Research.</i> Vol. 20, pp. 93-109.		
L/C	Kennedy, W.P. et al. May/June 1989. "A Simple, Clinical Assay to Evaluate the Acrosin Activity of Human Spermatozoa." <i>Journal of Andrology.</i> Vol. 10, No. 3, pp. 221-231.		
L/C	Leyton, Lisette and Patricia Saling. June 1989. "Evidence That Aggregation of Mouse Sperm Receptors by ZP3 Triggers the Acrosome Reaction." <i>The Journal of Cell Biology.</i> Vol. 108, pp. 2163-2168.		
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LVC	Schwoebel, Eric et al. April 15, 1991. "Isolation and Characterization of a Full-Length cDNA Encoding the 55-kDa Rabbit Zona Pellucida Protein." <i>The Journal of Biological Chemistry</i> . Vol. 266, No. 11, pp. 7214-7219.		
LVC	Oehninger, Sergio et al. May 1991. "Recurrent Failure of In Vitro Fertilization: Role of the Hemizona Assay in the Sequential Diagnosis of Specific Sperm-Oocyte Defects." <i>Am. J. Obstet. Gynecol.</i> Vol. 164, pp. 1210-1215.		
LVC	Aarons, David et al. 1991. "Acrosome Reaction Induced by Immunoaggregation of a Proteinase Inhibitor Bound to the Murine Sperm Head." <i>Molecular Reproduction and Development</i> . Vol. 30, pp. 258-264.		
LVC	Macek, Mary Beth et al. 1991. "Aggregation of β -1, 4-Galactosyltransferase on Mouse Sperm Induces the Acrosome Reaction." <i>Developmental Biology</i> . Vol. 147, pp. 440-444.		
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LVC	Oehninger, Sergio. 1992. "Diagnostic Significance of Sperm-Zona Pellucida." <i>Reproductive Medicine Review</i> . Vol. 1, pp. 57-81.		
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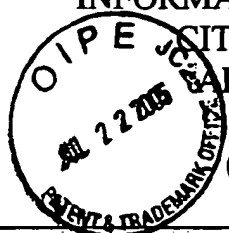
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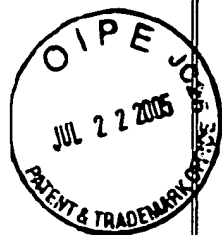
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① only the english abstract considered L/C 9/27/05.



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		APPLICANT Ke-Wen DONG et al.	
		FILING DATE April 9, 2001	GROUP 1641
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
LVC	Henkel, R. et al. 1998. "Zona Pellucida as Physiological Trigger for the Induction of Acrosome Reaction." <i>Andrologia</i> . Vol. 30, pp. 275-280.		
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LVC	March 21, 2005. Communication from European Patent Office regarding EP 02753427.0.		
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